Electroacoustic Music and Other WTFs

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What is EA?

...the most successful works in the field are usually concerned with those aspects of sonic design which remain inaccessible to either traditional or electronic musical instruments played live...
Computers to Normal People

I iz blogginz

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Computers to Normal People
#ifndef __AKS_POLY_H__
#define __AKS_POLY_H__

#include <gmp.h>

typedef struct {  
  mpz_t *coefs;  
  mpz_t degree;  
  char variable;  
} __aks_poly_struct;

typedef __aks_poly_struct ap_t[1];

mpz_t* ap_init(ap_t p, const mpz_t degree);
mpz_t* ap_init_ui(ap_t p, const unsigned long degree);
mpz_t* ap_init_from_binomial(ap_t p, const mpz_t degree, const ap_t a);

void ap_get_degree(mpz_t degree, const ap_t p);
unsigned long ap_get_degree_ui(const ap_t p);

mpz_t* ap_reinit(ap_t p, const mpz_t ndegree);

void ap_clear(ap_t);
void ap_change_variable(ap_t p, char var);
void ap_swap(ap_t p1, ap_t p2);

void ap_mul(ap_t ro, const ap_t op1, const ap_t op2);
void ap_mod(ap_t ro, const ap_t op1, const ap_t op2);

#endif /* __AKS_POLY_H__ */
Computers to Computer Scientists
Electronic Music to Normal People
Electroacoustic Music to Electroacoustic Musicians
Telharmonium, 1897
Theramin, 1919
Bonus WTF
Tape Recorder, 1929
Williams Mix

John Cage, 1952

The composing means were chance operations derived from the I-Ching
Bonus WTF: Organ²/ASLSP
Thema (Omaggio a Joyce)

Luciano Berio, 1958
The work is so meticulously produced that it seems to bridge the gap between electro-acoustic music and traditional compositions by creating seemingly infinite relationships between words.
Artikulation

György Ligeti, 1958
Bonus WTF: Poème Symphonique

György Ligeti, 1962
I Am Sitting in a Room

Alvin Lucier's I am sitting in a room (1969) is an electroacoustic classic. The work, which questions the distinctions between speech and music, is conceptually rich, sonically beautiful, and is achieved with an extraordinary economy of means.
RCA Mark II Synthesizer - 1957
Music on a Long Thin Wire

Lucier, 1977

A 50-foot length of taut wire passes through the poles of a large magnet and is driven by an oscillator; the vibrations of the wire are miked at either end, amplified and broadcast in stereo.

Lucier admits a long thin wire is only used to impress, a short thin wire would have worked as well if not better.
Final Bonus

MUSIC FOR A REVOLUTION

Scoop out one of your eyes 5 years from now and do the same with the other eye 5 years later.

T. Kosugi

(1964)